

FIG. 1

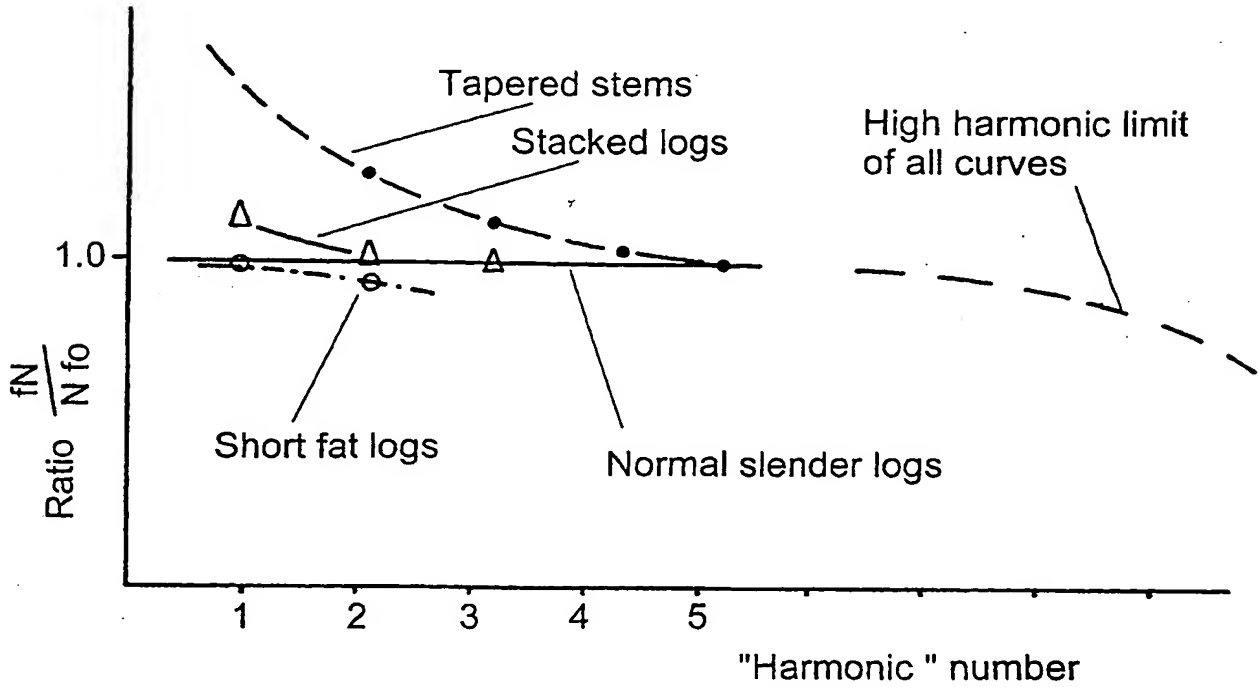


FIG. 2

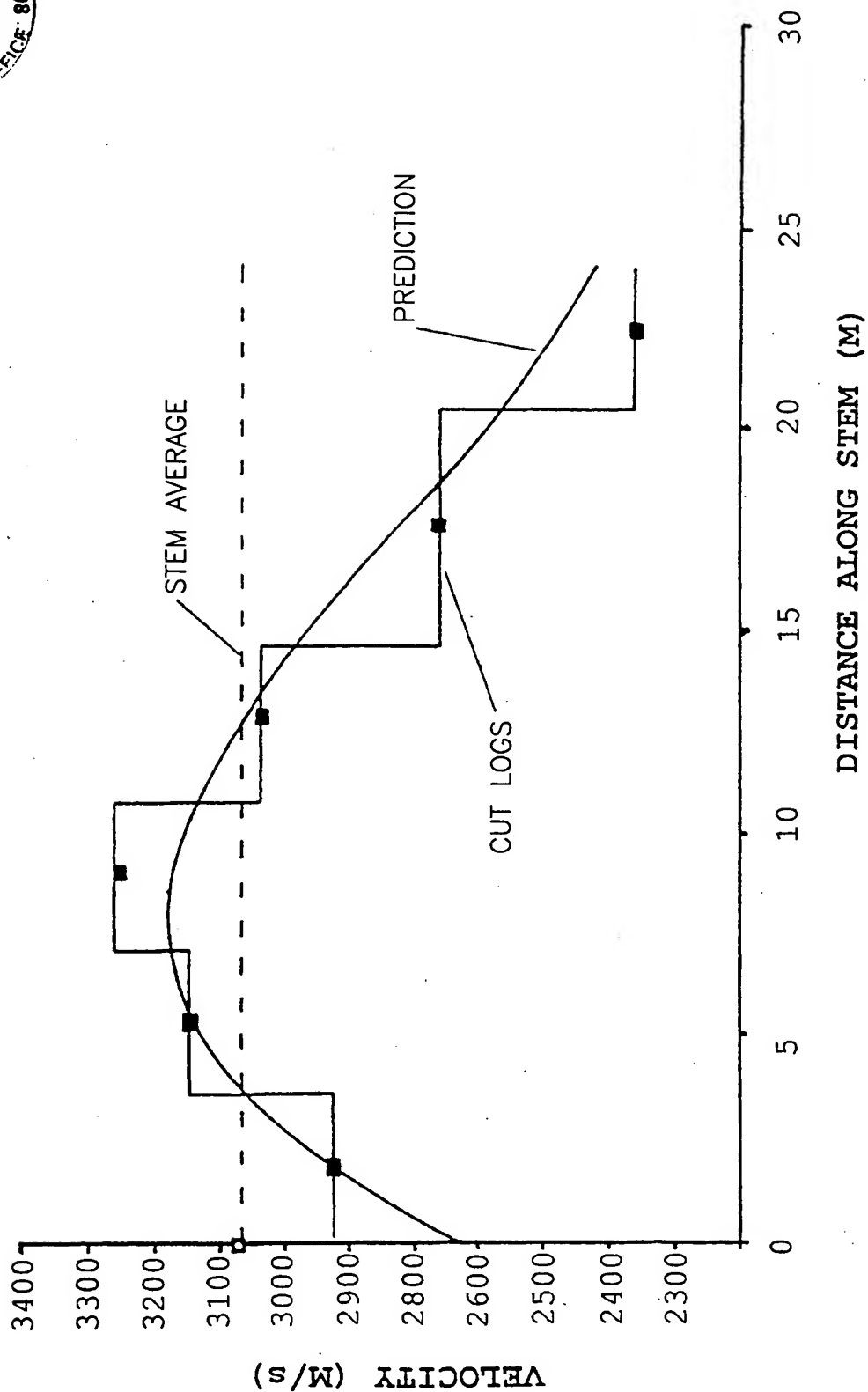


FIG. 3

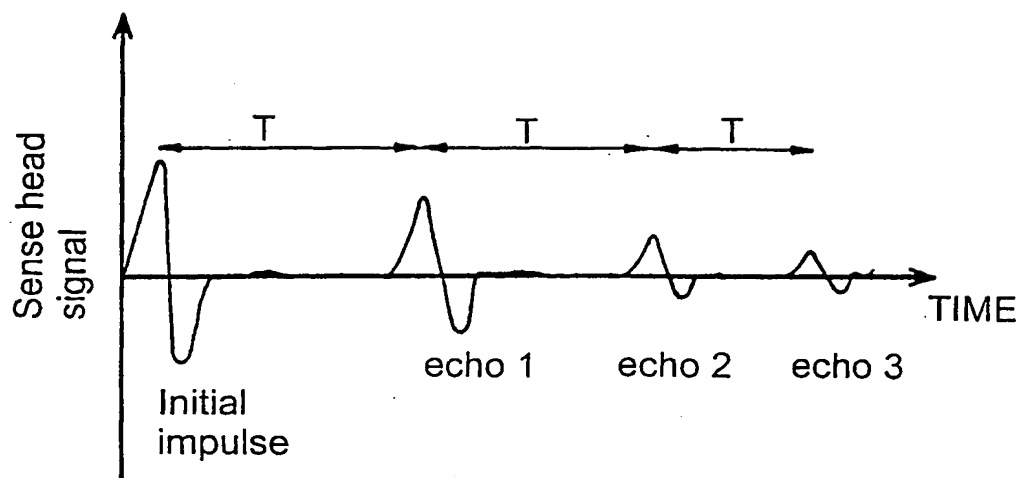


FIG. 4

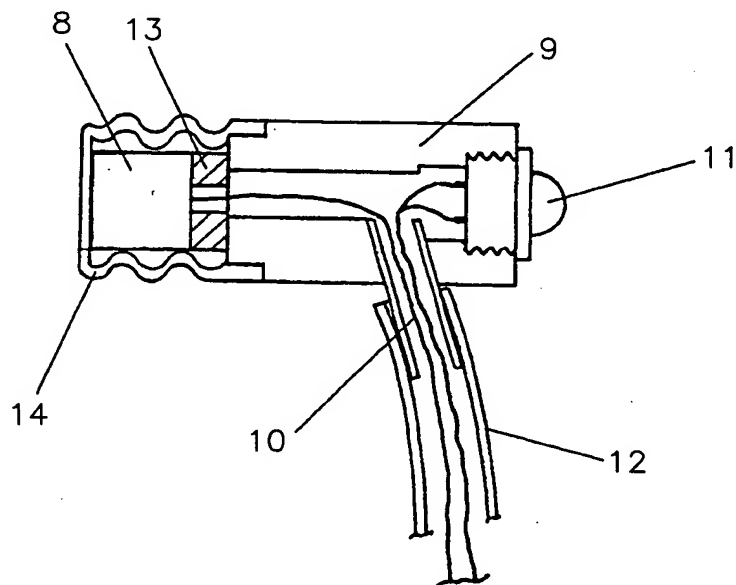


FIG. 5



FIG. 6

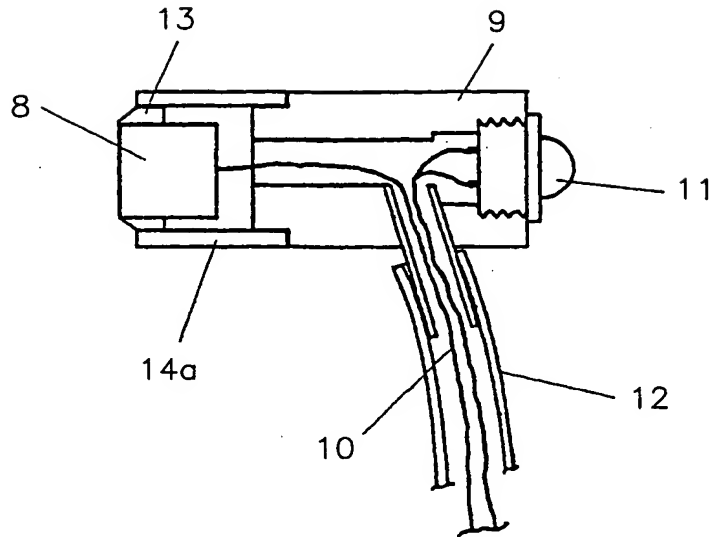
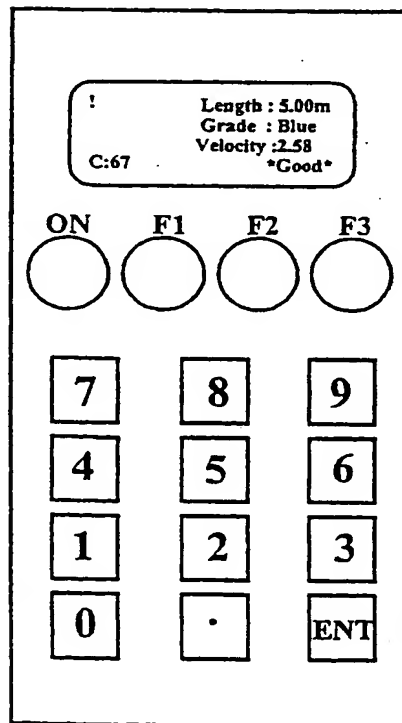


FIG. 7



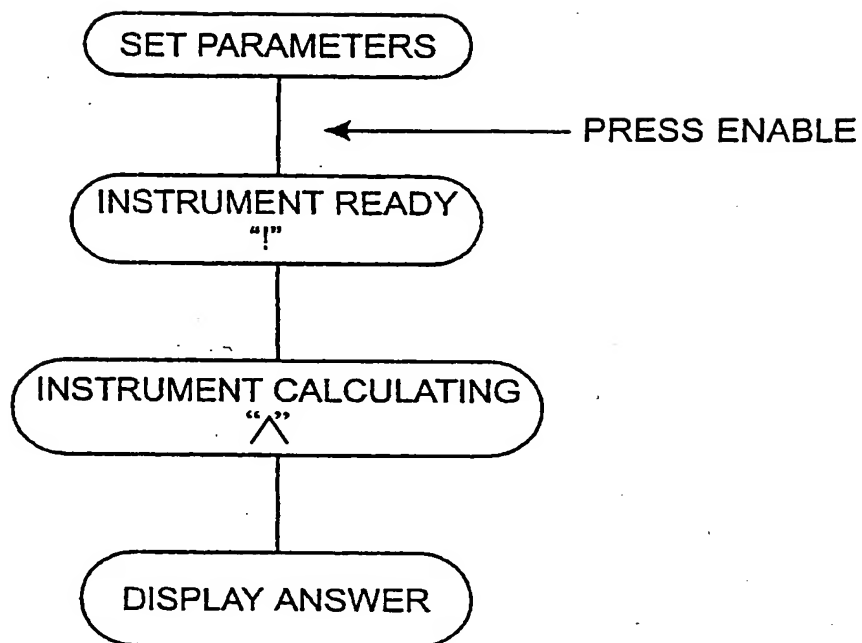


FIG. 8

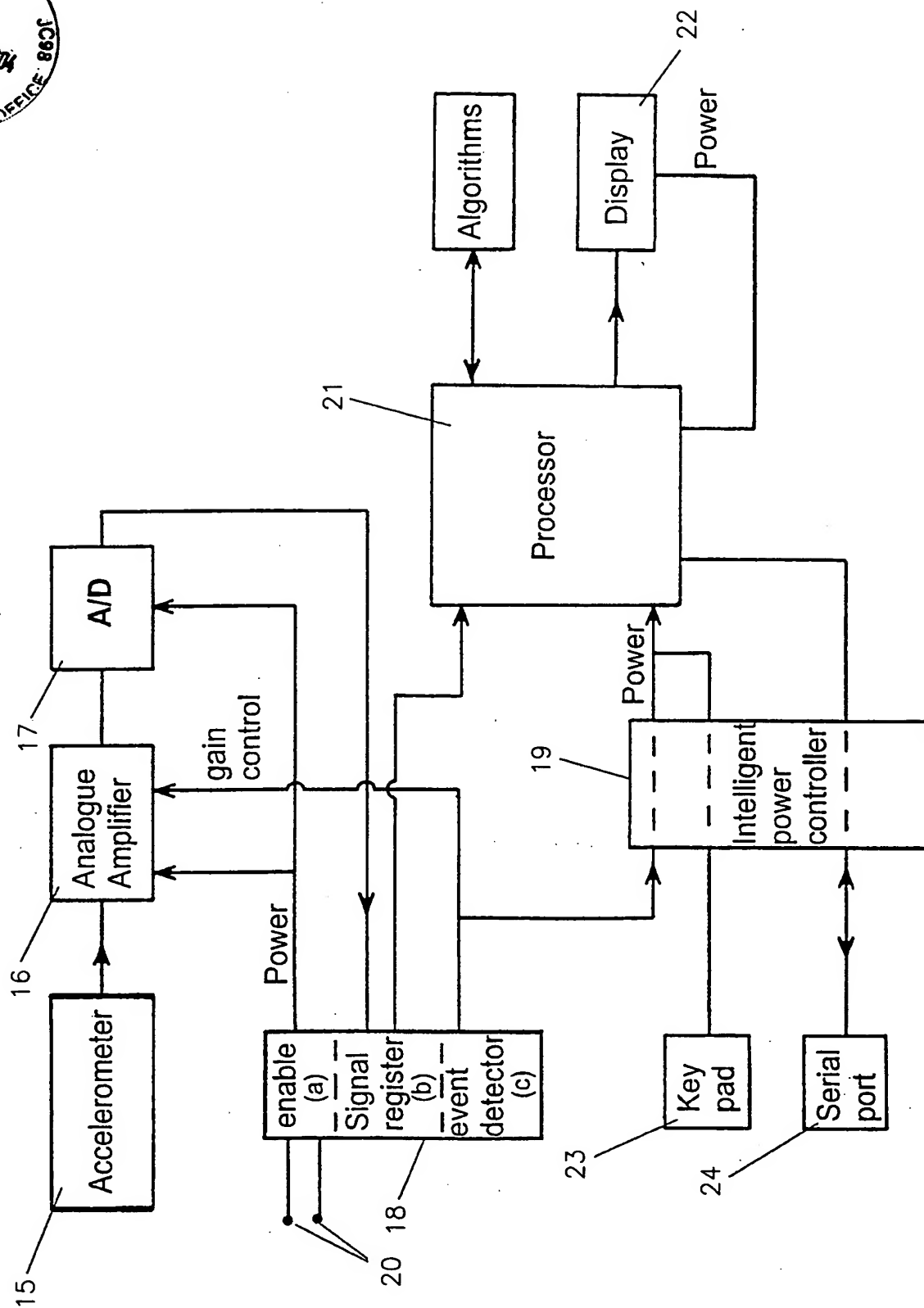
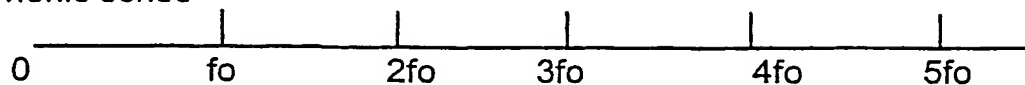


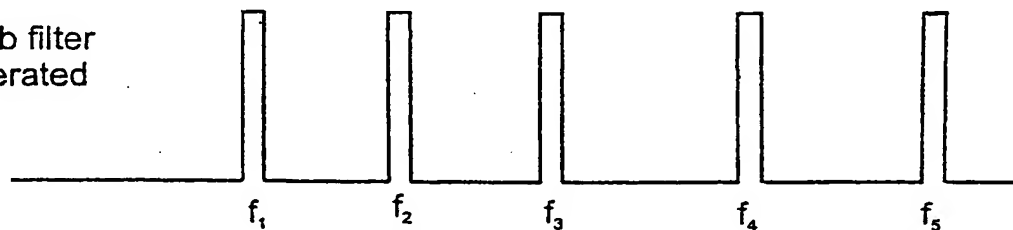
FIG. 9



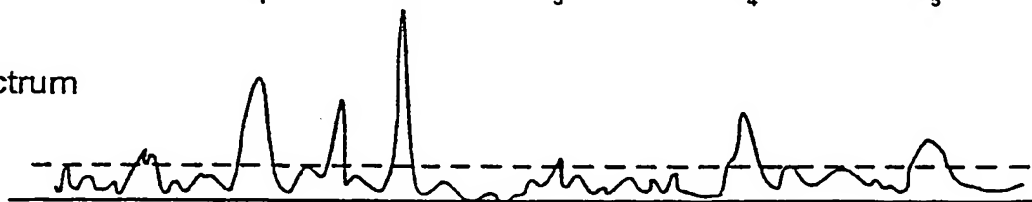
(a) Harmonic series



(b) Comb filter generated



(c) Spectrum



(d) Power in Filter

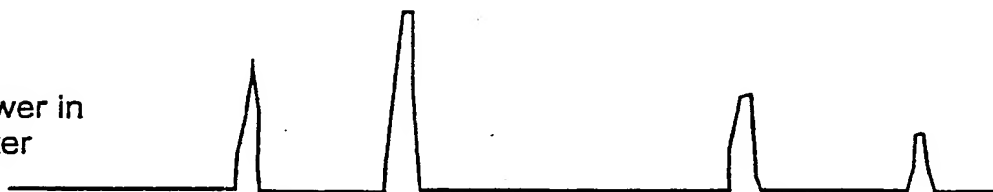


FIG. 10

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Cumulative frequency distribution for sound speed measurements (5000 logs)

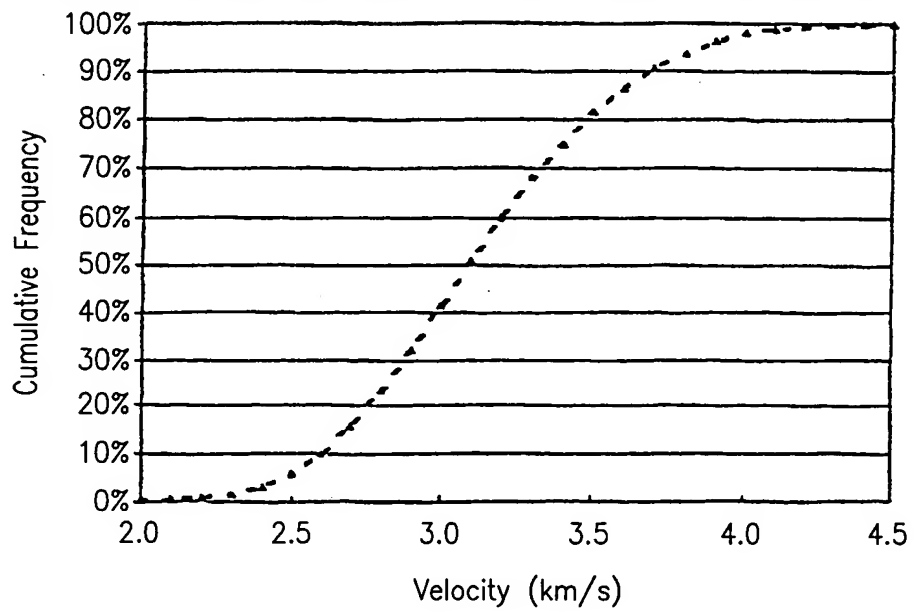


FIG. 11

Plot of average LWFL and average WZST strength versus average class sound speed

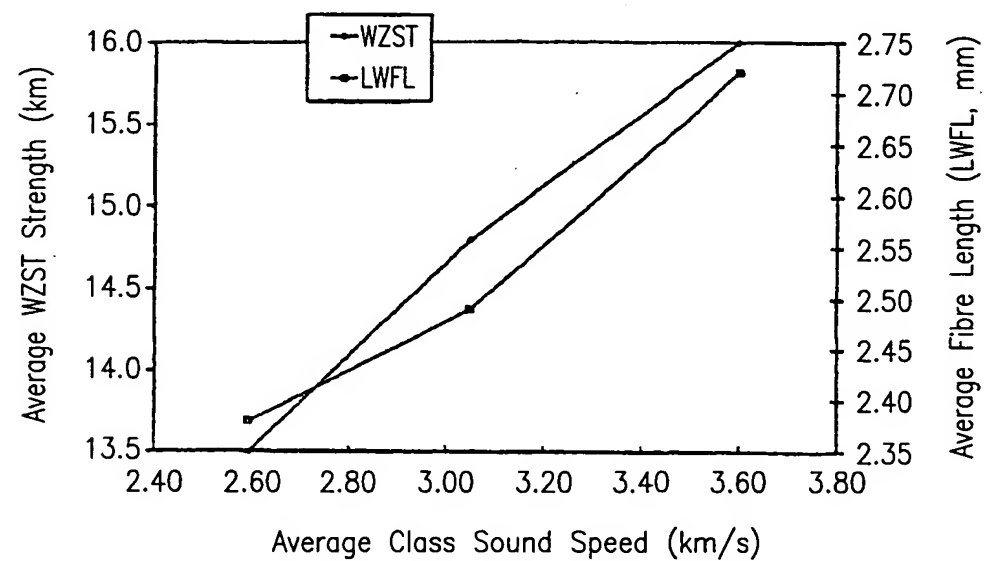


FIG. 12



Chronological plot of pulp fibre length as each log class was processed

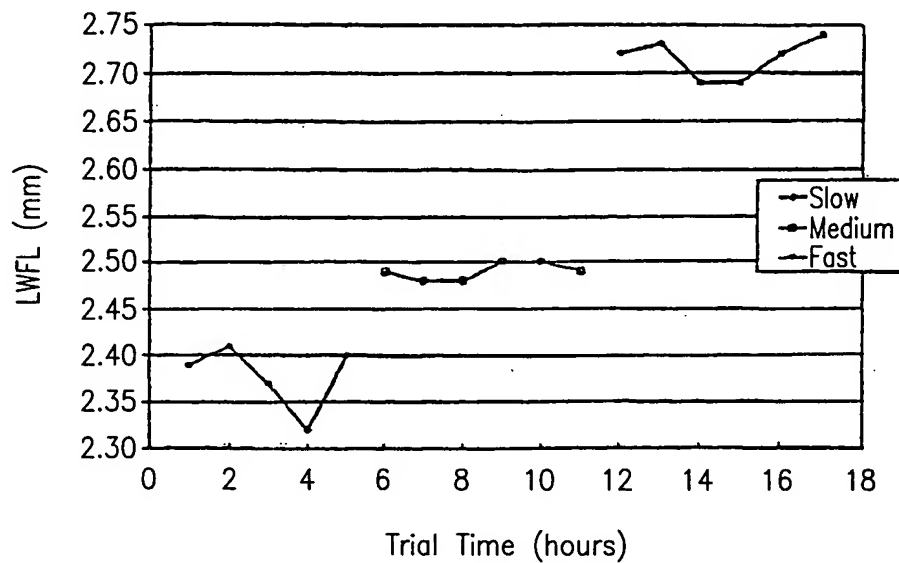


FIG. 13

Chronological plot of pulp WZST strength as each log class was processed

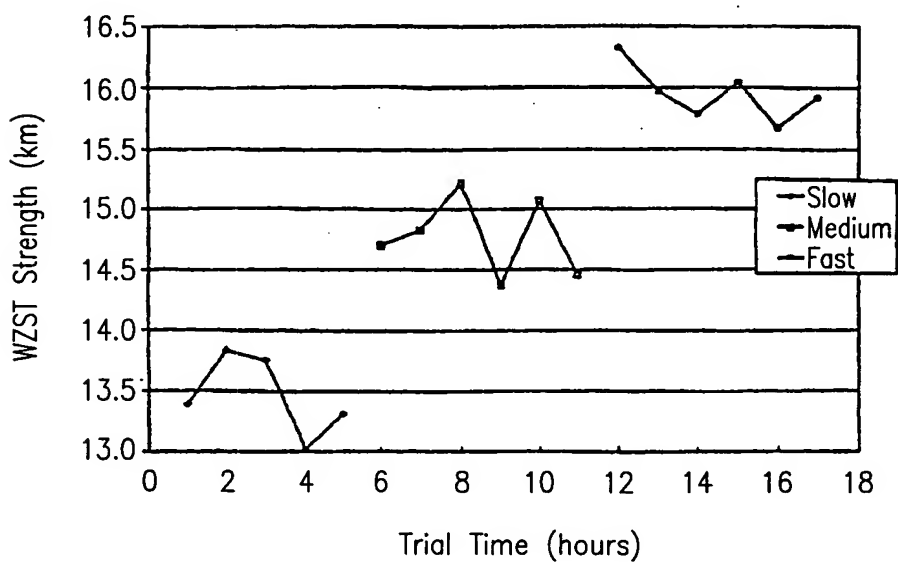


FIG. 14



Chronological plot of pulp tear strength as each log class was processed

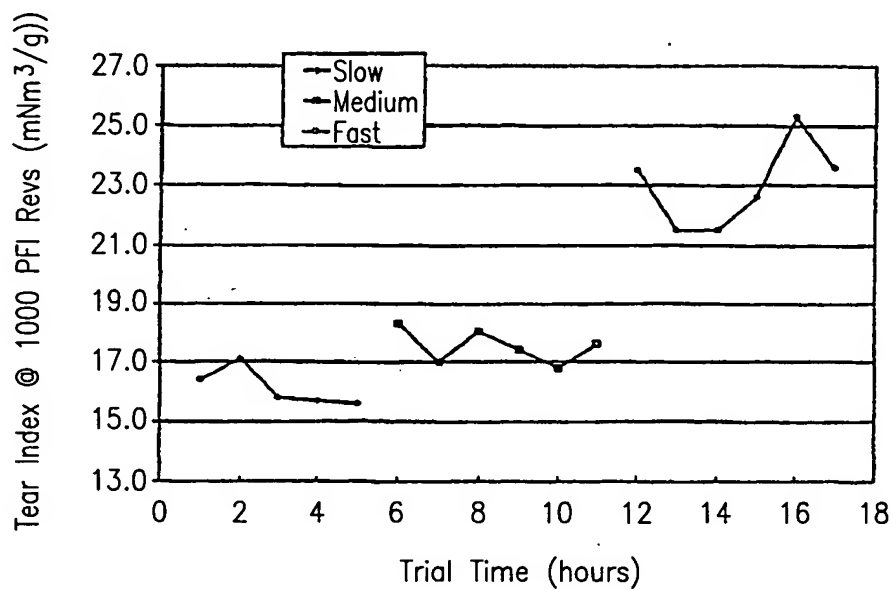


FIG. 15